

ABSTRACT OF THE DISCLOSURE

The invention concerns a transmission (1) with automatic shifting capabilities and with three spider supported planetary sets (2, 3, 4), three brakes (5, 6, 7), and two clutches (8, 9) for the shifting of six forward moving gears and one reverse gear and having an input shaft (10) and an output shaft (11). In this way, the input shaft (10) is in continual connection with the sun gear (16) of the second planetary set (3) and the input shaft (10) is connectable to the sun gear (12) of the first planetary set (2) by means of the first clutch (8) and/or by means of the second clutch (9) is also connectable with the spider (15) of the first planetary set (2). Further, the sun gear (12) of the first planetary set (2) by means of the first brake (5) and or the spider (15) of the first planetary set (2) by means of the second brake (6) and/or the sun gear (20) of the third planetary set (4) by means of the third brake, are all connectable with the housing of the transmission.

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